iiyama
Vision&Technology

USER MANUAL

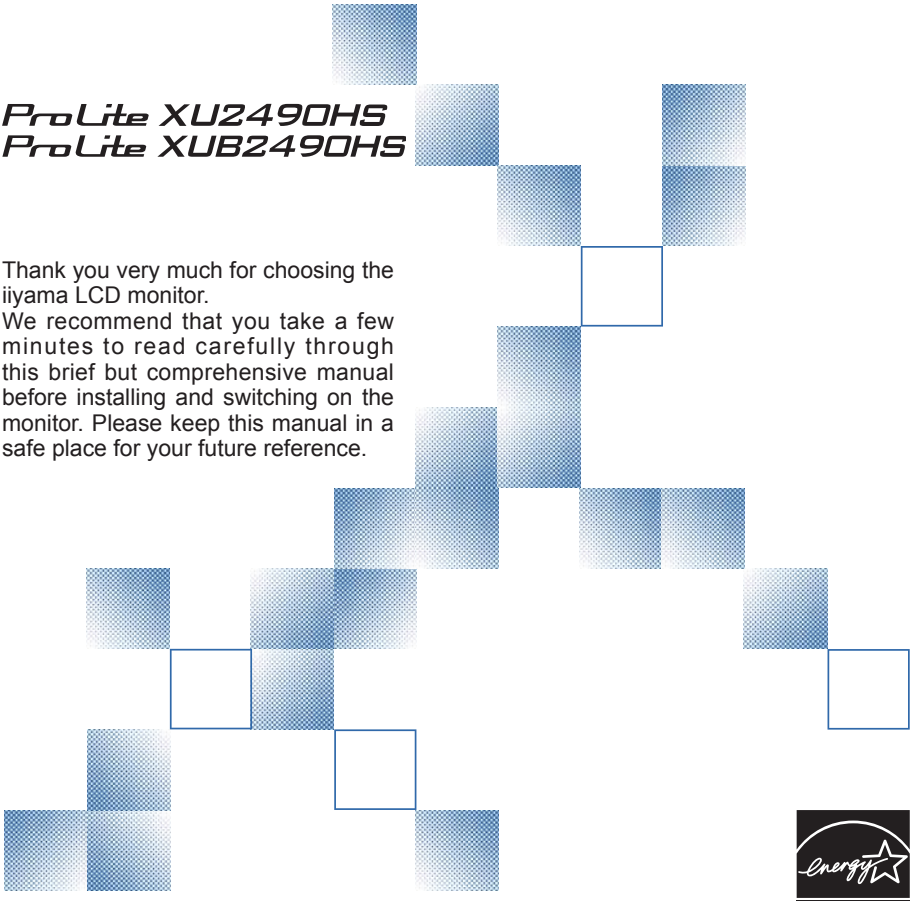
ProLite

LCD Monitor

ENGLISH

ProLite XU2490HS
ProLite XUB2490HS

Thank you very much for choosing the iiyama LCD monitor.
We recommend that you take a few minutes to read carefully through this brief but comprehensive manual before installing and switching on the monitor. Please keep this manual in a safe place for your future reference.



ENERGY STAR

iiyama | Servicecard

Dear user, we congratulate you on the purchase of your iiyama LCD.

For details on warranty and locally used pixel policies that apply directly after installation of your product please check the iiyama website.

To report a fault, please contact your local support centre found at www.iiyama.com/service

Things to check before you call the iiyama information line

- if the power cable is connected securely and turned on?
- if the display has been turned on?
- if the signal cable is connected securely and the correct input selected?
- if the computer has been restarted with the display connected?
- if the graphics card is correctly installed with the latest drivers possible?
- if the correct native resolution has been selected via 'Display Properties'?
- If the R/G/B signal configuration is correct?
- if the displays On Screen Menu is shown?
- if the correct brightness and contrast settings have been set?
- if given display tolerances and compatibility have been considered?
- if via the On Screen Menu you have performed a Factory Reset/Recall?

Before reporting the screen defect, please prepare the following information/evidence:

- model number *
- purchase receipt and serial number *
- name and address for collection
- telephone/fax number, for availability during the day
- convenient collection date (date, time)
- short description of the defect

Important Note:

If there is no fault found in the collected equipment after inspection, the transferring party shall incur charges for transport and administration.

If you have checked all of the above and there is still no picture, call our information line for assistance in your country.

* see the identification plate on the back of the case.

TCO DEVELOPMENT

Congratulations!

This product is TCO Certified – for Sustainable IT

ENGLISH

TCO Certified is an international third party sustainability certification for IT products. TCO Certified ensures that the manufacture, use and recycling of IT products reflect environmental, social and economic responsibility. Every TCO Certified product model is verified by an accredited independent test laboratory.

This product has been verified to meet all the criteria in TCO Certified, including:

Corporate Social Responsibility
Socially responsible production - working conditions and labor law in manufacturing country
Energy Efficiency
Energy efficiency of product and power supply. Energy Star compliant, where applicable
Environmental Management System
Manufacturer must be certified according to either ISO 14001 or EMAS
Minimization of Hazardous Substances
Limits on cadmium, mercury, lead & hexavalent chromium including requirements for mercury-free products, halogenated substances and hazardous flame retardants
Design for Recycling
Coding of plastics for easy recycling. Limit on the number of different plastics used.
Product Lifetime, Product Take Back
Minimum one-year product warranty. Minimum three-year availability of spare parts. Product takeback
Packaging
Limits on hazardous substances in product packaging. Packaging prepared for recycling
Ergonomic, User-centered design
Visual ergonomics in products with a display. Adjustability for user comfort (displays, headsets)
Acoustic performance – protection against sound spikes (headsets) and fan noise (projectors, computers)
Ergonomically designed keyboard (notebooks)
Electrical Safety, minimal electro-magnetic Emissions
Third Party Testing
All certified product models have been tested in an independent, accredited laboratory.

A detailed criteria set is available for download at www.tcodevelopment.com, where you can also find a searchable database of all TCO Certified IT products.

TCO Development, the organization behind TCO Certified, has been an international driver in the field of Sustainable IT for 20 years. Criteria in TCO Certified are developed in collaboration with scientists, experts, users and manufacturers. Organizations around the world rely on TCO Certified as a tool to help them reach their sustainable IT goals. We are owned by TCO, a non-profit organization representing office workers. TCO Development is headquartered in Stockholm, Sweden, with regional presence in North America and Asia.

For more information, please visit
www.tcodevelopment.com

CE MARKING DECLARATION OF CONFORMITY

This LCD monitor complies with the requirements of the EC/EU Directive 2004/108/EC “EMC Directive”, 2006/95/EC “Low Voltage Directive”, 2009/125/EC “ErP Directive” and 2011/65/EU “RoHS Directive”.

The electro-magnetic susceptibility has been chosen at a level that gives correct operation in residential areas, business and light industrial premises and small-scale enterprises, inside as well as outside of the buildings. All places of operation are characterised by their connection to the public low voltage power supply system.

IIYAMA CORPORATION: Wijkermeerstraat 8, 2131 HA Hoofddorp, The Netherlands

An approved power cord greater or equal to H05VVF, 3G, 0.75mm2 must be used.

For displays with glossy bezels the user should consider the placement of the display as the bezel may cause disturbing reflections from surrounding light and bright surfaces.

We recommend recycling of used product. Please contact your dealer or iiyama service center. Recycle information is obtained via the Internet, using the address:
http://www.iiyama.com
You can access the Web page of different countries from there.

- We reserve the right to change specifications without notice.
- All trademarks used in this user manual are the property of their respective owners.
- As an ENERGY STAR® Partner, iiyama has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

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FOR YOUR SAFETY

SAFETY PRECAUTIONS

WARNING

STOP OPERATING THE MONITOR IF YOU ARE AWARE OF ANY PROBLEMS
If you notice any abnormal phenomena such as smoke, strange sounds or fumes, unplug the monitor and contact your dealer or iiyama service center immediately. Further use may be dangerous and can cause fire or electric shock.

NEVER REMOVE THE CABINET
High voltage circuits are inside the monitor. Removing the cabinet may expose you to the danger of fire or electric shock.

DO NOT PUT ANY OBJECT INTO THE MONITOR
Do not put any solid objects or liquids such as water into the monitor. In case of an accident, unplug your monitor immediately and contact your dealer or iiyama service center. Using the monitor with any object inside may cause fire, electric shock or damage.

INSTALL THE MONITOR ON A FLAT, STABLE SURFACE
The monitor may cause an injury if it falls or is dropped.

DO NOT USE THE MONITOR NEAR WATER
Do not use where water may be splashed or spilt onto the monitor as it may cause fire or electric shock.

OPERATE UNDER THE SPECIFIED POWER SUPPLY
Be sure to operate the monitor only with the specified power supply. Use of an incorrect voltage will cause malfunction and may cause fire or electric shock.

CORRECT USE OF THE AC ADAPTER
Use only the AC Adapter provided by iiyama. Any deviation from this by using another type of adapter may result in damage to the accessory and the monitor by fire or electric shock.

DO NOT DISASSEMBLE THE AC ADAPTER
Disassembling the AC Adapter may expose you to the danger of fire or electric shock.

PROTECT THE CABLES
Do not pull or bend the AC Adapter, the power cable and signal cable. Do not place the monitor or any other heavy objects on the cables. If damaged, the cables may cause fire or electric shock.

ADVERSE WEATHER CONDITIONS
It is advisable not to operate the monitor during a heavy thunder storm as the continual breaks in power may cause malfunction. It is also advised not to touch the plug in these circumstances as it may cause electric shock.

CAUTION

INSTALLATION LOCATION
Do not install the monitor where sudden temperature changes may occur, or in humid, dusty or smoky areas as it may cause fire, electric shock or damage. You should also avoid areas where the sun shines directly on the monitor.

DO NOT PLACE THE MONITOR IN A HAZARDOUS POSITION
The monitor may topple and cause injury if not suitably located. Please also ensure that you do not place any heavy objects on the monitor, and that all cables are routed such that children may not pull the cables and possibly cause injury.

MAINTAIN GOOD VENTILATION
Ventilation slots are provided to keep the monitor from overheating. Covering the slots may cause fire. To allow adequate air circulation, place the monitor at least 10 cm (or 4 inches) from any walls.
Do not remove the tilt stand when operating the monitor. Ventilation slots on the back of the cabinet will be blocked and the monitor may overheat if the stand is removed. This may cause fire or damage. Operating the monitor on its back, side, upside down or on a carpet or any other soft material may also cause damage.

DISCONNECT THE CABLES WHEN YOU MOVE THE MONITOR
When you move the monitor, turn off the power switch, unplug the monitor and be sure the signal cable is disconnected. If you do not disconnect them, it may cause fire or electric shock.

UNPLUG THE MONITOR
If the monitor is not in use for a long period of time it is recommended that it is left unplugged to avoid accidents.

HOLD THE PLUG WHEN DISCONNECTING
To disconnect the AC Adapter, the power cable or signal cable, always pull it by the plug. Never pull on the cable itself as this may cause fire or electric shock.

DO NOT TOUCH THE PLUG WITH WET HANDS
Pulling or inserting the plug with wet hands may cause electric shock.

WHEN YOU INSTALL THE MONITOR ON YOUR COMPUTER
Be sure the computer is strong enough to hold the weight of the monitor, otherwise, you may damage your computer.

CAREFUL! PROTECT YOUR HANDS AND FINGERS
- Be careful not to hurt your fingers or hands when you change the height or the angle.
- Injury can occur if care is not taken to avoid finger contact with the displays base when adjusting the height. (Just for height adjustable model.)

REMARK FOR 24/7 USAGE
This product is not specifically designed for 24/7 usage in all environments.

OTHERS

ERGONOMIC RECOMMENDATIONS
To eliminate eye fatigue, do not operate the monitor against a bright background or in a dark room. For optimal viewing comfort, the monitor should be just below eye level and 40-60 cm (16-24 inches) away from your eyes. When using the monitor over a prolonged time, a ten minute break every hour is recommended as looking at the screen continuously can cause eye strain.

SPECIAL NOTES ON LCD MONITORS

The following symptoms are normal with LCD monitors and do not indicate a problem.

NOTE

- When you first turn on the LCD monitor, the picture may not fit in the display area because of the type of computer that is used. In this case, adjust the picture position to the correct position.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- Due to the nature of the LCD screen, an afterimage of the previous screen may remain after switching the image, when the same image is displayed for hours. In this case, the screen can be recovered slowly by changing the image or turning off the Power Switch for some hours.

CUSTOMER SERVICE

NOTE

- If you have to return your unit for service and the original packaging has been discarded, please contact your dealer or iiyama service center for advice or replacement packaging.

CLEANING

WARNING

- If you drop any materials or liquids such as water into the monitor when cleaning, unplug the power cable immediately and contact your dealer or iiyama service center.

CAUTION

- For safety reasons, turn off the power switch and unplug the monitor before you clean it.

NOTE

- To protect the LCD panel, do not scratch or rub the screen with a hard object.
- Never use any of the following strong solvents. These will damage the cabinet and the LCD screen.

Thinner	Spray-type cleaner
Benzine	Wax
Abrasive cleaner	Acid or Alkaline solvent

- Touching the cabinet with any product made from rubber or plastic for a long time may cause degeneration or loss of paint on the cabinet.

CABINET Stains can be removed with a cloth lightly moistened with a mild detergent solvent. Then wipe the cabinet with a soft dry cloth.

LCD SCREEN Periodic cleaning with a soft dry cloth is recommended.
Don't use tissue paper etc. because these will damage the LCD screen.

BEFORE YOU OPERATE THE MONITOR

FEATURES

- **Supports Resolutions up to 1920 × 1080**
- **High Contrast 1000:1 (Typical), Adv. Contrast Function Available / Brightness 250cd/m^2 (Typical) / Quick Response Time 5ms (Gray to Gray)**
- **Blue Light Reducer**
- **Digital Character Smoothing**
- **Automatic Set-up**
- **Stereo Speakers**
  2 × 2W Stereo Speakers
- **Plug & Play VESA DDC2B Compliant**
  Windows® 7/8 Compliant
- **Power Management (ENERGY STAR® VESA DPMS Compliant)**
- **Ergonomic Design TCO Certified**
- **VESA Mounting Standard (100mm×100mm) Compliant**
- **Keyhole for Security Lock**

CHECKING THE CONTENTS OF THE PACKAGE

The following accessories are included in your package. Check to see if they are enclosed with the monitor. If anything is missing or damaged, please contact your local iiyama dealer or regional iiyama office.

- AC Adapter*1
- Power Cable*1
- DVI-D Signal Cable
- DisplayPort Cable
- Audio Cable
- Stand-Base*2
- Screw for stand fixing (3pcs)*2
- Stand-Base (Screw for stand fixing attached)*3
- Cable Holder*3
- Safety Guide
- Quick Start Guide

CAUTION

*1 1. TO USERS IN 120V AREA
The rating of the Power Cable enclosed in 120V area is 10A/125V. If you are using a power supply higher than this rating, then a power cable with a rating of 10A/250V must be used.
However, all guarantees and warranties are void for any problems or damage caused by a power cable or AC adapter not supplied by iiyama.
2. Applicable AC Adapter
AC Adapter Type Name : ADPC1936 (TPV Electronics (Fujian) Co., Ltd.)

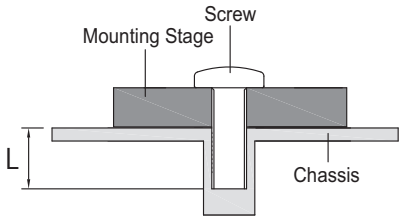
*2 Accessory for ProLite XUB2490HS.

*3 Accessory for ProLite XU2490HS.

WALL MOUNTING

WARNING

- When you use with the wall mounting, in consideration of thickness of the mounting stage, tighten the M4 Screw with washer which “L” length is 7mm to fasten the monitor. Using the screw longer than this may cause electric shock or damage because it may contact with the electrical parts inside the monitor.
- Please check if the wall or ceiling can support the weight of the monitor before mounting it.



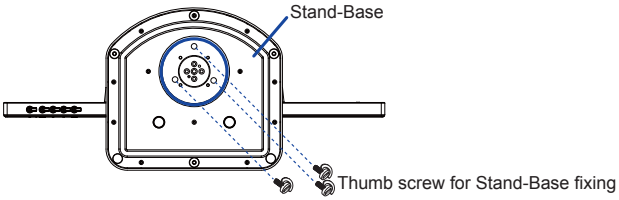
FITTING AND REMOVAL OF BASE : ProLite XUB2490HS

CAUTION

- Put the monitor on a stable surface. The monitor may cause injury or damage if it falls or is dropped.
- Do not give a strong impact to the monitor. It may cause damage.
- Unplug the monitor before removal or installation to avoid electric shock or damage.

<Installation>

① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
② Hold the monitor and push the Stand-Base.
③ Use 'thumb screw' provided to secure base to monitor column.

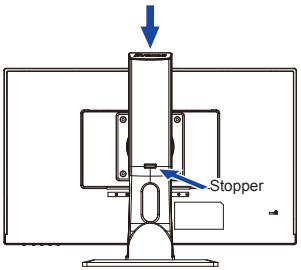


<Remove>

① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
② Remove 'thumb screw' to remove base from monitor column.

<Stopper>

Put the monitor on a flat surface. Press the stopper at the back of the stand while pushing the monitor from the top. Careful attention is required as the monitor is sprung loaded and the stand may expand quickly.



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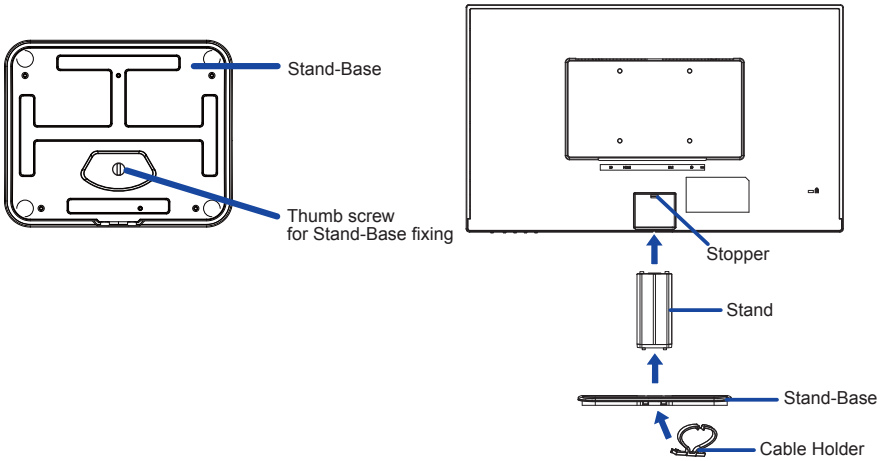
<Installation>

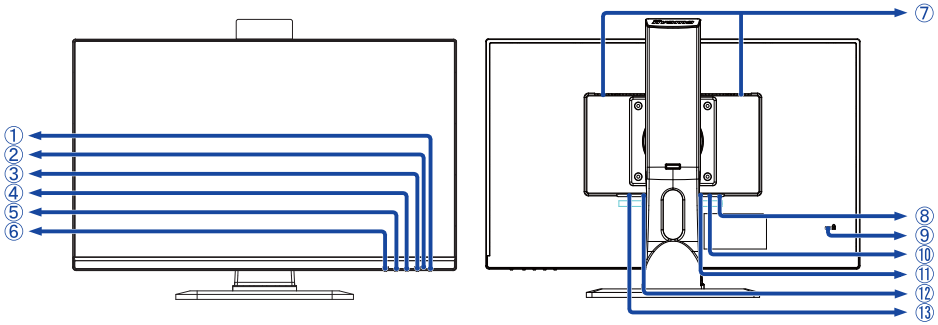
① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
② Hold the monitor and push the Stand until it clicks and is secure.
③ Install the stand-base to the stand.
④ Use 'thumb screw' provided to secure base to monitor column.
⑤ Insert the Cable Holder into Hole.



<Removal>

① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
② Remove 'thumb screw' to remove base from monitor column.
③ Press the stopper at the back of the stand and remove the Stand from the monitor.

CONTROLS AND CONNECTORS : ProLite XUB2490HS



<Front> <Back>

① Power Indicator

NOTE Blue: Normal operation
Orange: Power Management

② Power Switch (⏻)

③ Menu Button (MENU)

④ + / Volume / Blue Light Reducer Button (+)

⑤ - / ECO Button (-)

⑥ Auto Button (AUTO)

⑦ Speakers

⑧ Connector for AC Adapter (⎓ : Direct current) (⎓)

⑨ Keyhole for Security Lock

NOTE You can fasten a security lock and cable to prevent the monitor from being removed without your permission.

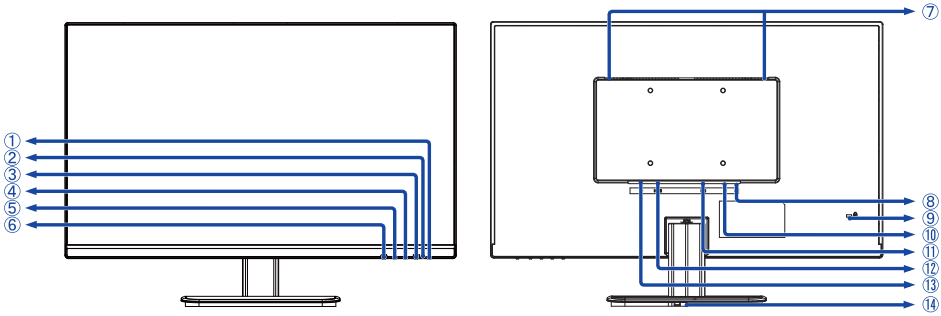
⑩ Audio Connector (🎧)

⑪ DVI-D 24pin Connector (DVI)

⑫ HDMI Connector (HDMI)

⑬ DisplayPort Connector (D)

CONTROLS AND CONNECTORS : ProLite XU2490HS



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⑪ DVI-D 24pin Connector (DVI)

⑫ HDMI Connector (HDMI)

⑬ DisplayPort Connector (D)

⑭ Installation hole of Cable Holder

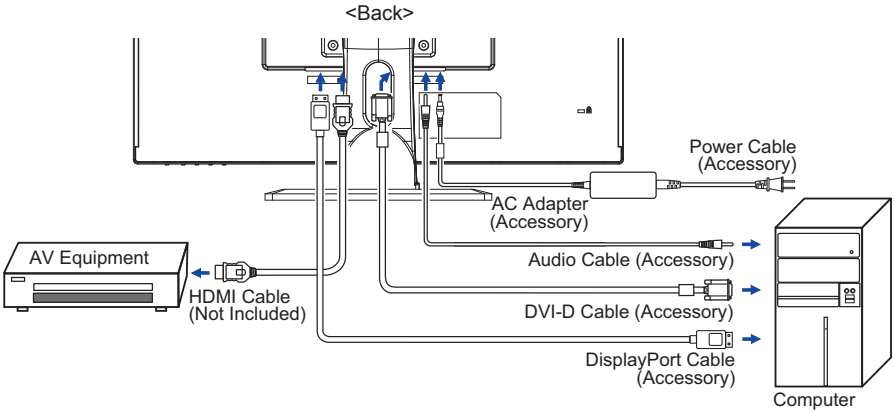
CONNECTING YOUR MONITOR : ProLite XUB2490HS

① Ensure that both the computer and the monitor are switched off.
② Connect the computer to the monitor with the signal cable.
③ Connect the monitor to the audio equipment with the Audio Cable for computer when using the audio features.
④ Connect the AC Adapter to the monitor and the Power Cable to the AC Adapter first and then connect to the power supply.
⑤ Turn on your monitor and computer.

NOTE

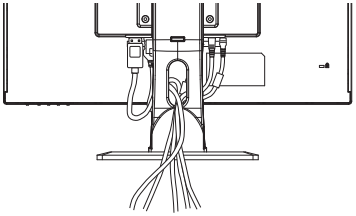
- The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied with the monitor is for a standard connector. If a special cable is required please contact your local iiyama dealer or regional iiyama office.
- For connection to Macintosh computers, contact your local iiyama dealer or regional iiyama office for a suitable adaptor.
- Make sure you tighten the finger screws at each end of the signal cable.

[Example of Connection]



[Collect Cables]

① Put the cables through the cable hole.
② Collect cables at the back of the stand.



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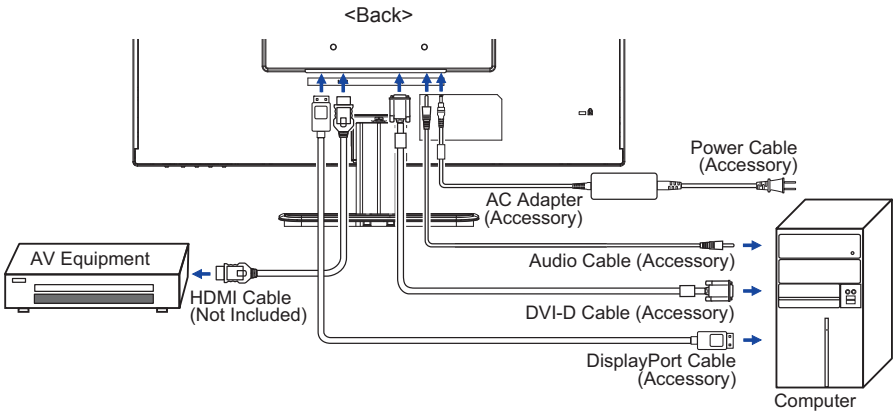
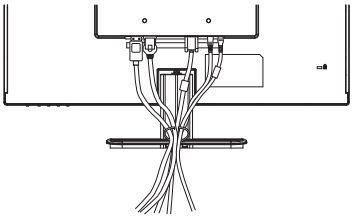


[Collect Cables]

① Put the cables through the cable holder.
② Collect cables at the back of the stand.

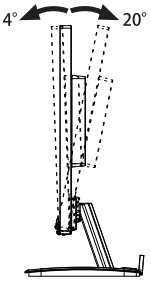


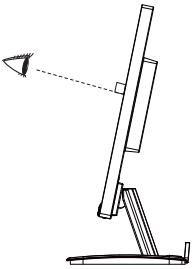
COMPUTER SETTING

■ Signal Timing
Change to the desired signal timing listed on page 27: COMPLIANT TIMING.

ADJUSTING THE VIEWING ANGLE : ProLite XU2490HS

■ For optimal viewing it is recommended to look at the full face of the monitor.
■ Hold the stand so that the monitor does not topple when you change the monitor's angle.
■ You are able to adjust the monitor's angle up to 20° upward, 4° downward.
■ In order to ensure a healthy and relaxed body position when using the monitor at visual display workstations, it is recommended that the adjusted tilt angle should not exceed 10 degrees. Adjust the monitor's angle to your own preference.

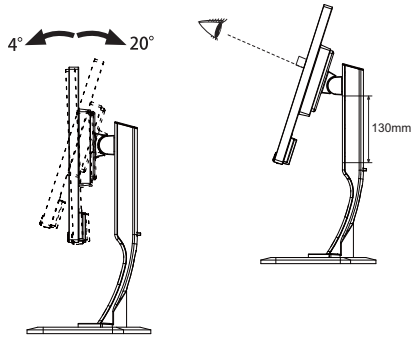




NOTE
■ Do not touch the LCD screen when you change the height or the angle. It may cause damage or break the LCD screen.
■ Careful attention is required not to catch your fingers or hands when you change the height or the angle.

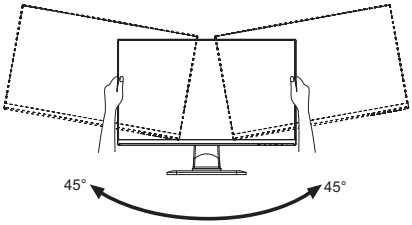
ADJUSTING THE HEIGHT AND THE VIEWING ANGLE : ProLite XUB2490HS

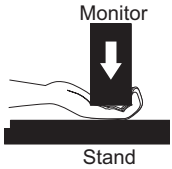
- For optimal viewing it is recommended to position yourself directly opposite to the full face of the monitor, then adjust the monitor's height and angle to your own preference.
- Hold the panel so that the monitor does not topple when you change the monitor's height or angle.
- You are able to adjust the monitor's height up to 130mm, angle up to 45 degrees right and left, 20 degrees upward and 4 degrees downward.



NOTE

- Do not touch the LCD screen when you change the height or the angle. It may cause damage or break the LCD screen.
- Careful attention is required not to catch your fingers or hands when you change the height or the angle.
- Injury can occur if care is not taken to avoid finger contact with the displays base when adjusting the height.





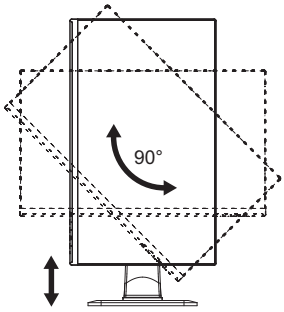
PANEL ROTATION : ProLite XUB2490HS

① Adjust the mother's height.
② Rotate the panel 90 degrees.
Portrait: Turn clockwise.
Landscape: Turn counter clockwise.

NOTE

- Attempting to rotate without fully extending upward may cause damage to stand.
- Video card for portrait display will be required for rotating the image on the screen.

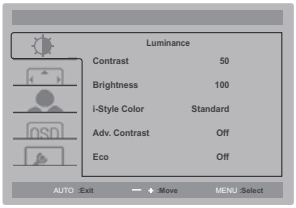
③ Adjust the monitor's angle to your preference.



OPERATING THE MONITOR

To create the best picture, your iiyama LCD monitor has been preset at the factory with the COMPLIANT TIMING shown on page 27. You are also able to adjust the picture by following the button operation shown below.

① **Press the MENU Button to start the On Screen Display feature. There are additional Menu items which can be switched by using the + / - Buttons.**

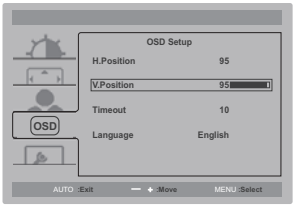


② **Select the Menu item which contains the adjustment icon relating to the adjustment you want to make. Press the MENU Button. Then, use the + / - Buttons to highlight the desired adjustment icon.**

③ **Press the MENU Button again. Use the + / - Buttons to make the appropriate adjustment or setting.**

④ **Press the AUTO Button to leave the menu, and the settings you just made would be automatically saved.**

For example, to correct for OSD vertical position, select Menu item of OSD Setup and then press the MENU Button. Then, select V.Position by using the + / - Buttons.
An adjustment page appears after you press the MENU Button. Then, use the + / - Buttons to change the OSD vertical position settings. The OSD vertical position of the overall display should be changing accordingly while you are doing this.



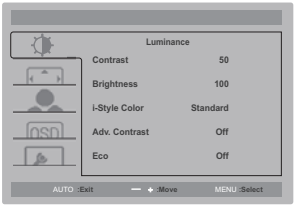
Press the AUTO Button lastly, it ends, all changes are saved in the memory.

NOTE

- When button operations are aborted during adjustment, On-Screen Display disappears when the time set for the OSD Timeout has passed. Also, the AUTO button can be used to return previous menu and turn off the On-Screen Display.
- Any changes are automatically saved in the memory when the On Screen Display disappears. Turning off the power should be avoided while using the Menu.
- All adjustments have only one setting which applies to all signal timings.

ADJUSTMENT MENU CONTENTS

Luminance



Adjustment Item	Problem / Option		Button to Press
Contrast	Too dull Too intense		+ / −
Brightness *1	Too dark Too bright		+ / −
i-Style Color	Standard	For general windows environment and monitor default setting.	
	Text	For text editing and viewing in a word processing environment.	
	Internet	For internet environment.	
	Game	For PC game environment.	
	Movie	For movie and video environment.	
	Sports	For sport environment.	
Adv. Contrast	Off	Typical Contrast Ratio	
	On	Increased Contrast Ratio	

NOTE Adv. Contrast adjusts brightness according to the image, and improve the contrast ratio during movie playing.
Contrast, Brightness, Gamma, Color Temp., Eco and i-Style Color cannot be adjusted and selected while Adv. Contrast is active.

Eco **Direct**	Off	Normal
	Mode1	Brightness of back-light is reduced.
	Mode2	Brightness of back-light is reduced more than Mode1.
	Mode3	Brightness of back-light is reduced more than Mode2.

*1 Adjust the Brightness when you are using the monitor in a dark room and feel the screen is too bright.

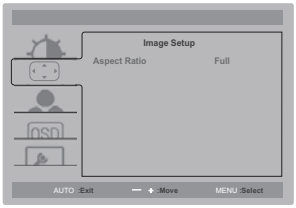
*2 i-Style Color is disabled when Blue Light Reducer is activated.

Direct

You can skip the Menu items and display an adjustment scale directly by using the following button operations.

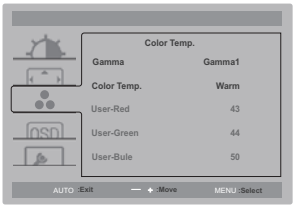
- Eco: Press the - Button when the Menu is not displayed.

Image Setup



Adjustment Item	Problem / Option	Button to Press
Aspect Ratio	Full	Expansion display
	Aspect	Expansion display of Aspect

Color Temp.*



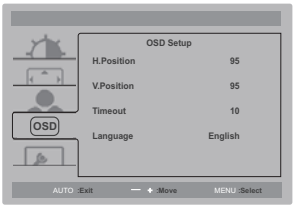
Adjustment Item	Problem / Option		Button to Press
Gamma	Gamma1	Normal	
	Gamma2	High contrast	
	Gamma3	Dark	
Color Temp.	Warm	Greenish white	
	Normal	Yellowish white	
	Cool	Bluish white	
	User	User-Red	Too weak / Too strong (+ / −)
		User-Green	
		User-Blue	
	sRGB	sRGB	

NOTE

- sRGB is an international standard which defines and unifies the difference of color appearance between equipment.
- You can not adjust the Brightness, Contrast, i-Style Color, Adv. Contrast, Gamma and Eco during sRGB mode because those settings are locked.

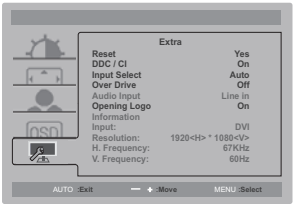
* Color Temp. adjustments is disabled when Blue Light Reducer is activated.

OSD Setup



Adjustment Item	Problem / Option				Button to Press
H.Position	OSD is too left OSD is too right				+ / −
V.Position	OSD is too low OSD is too high				+ / −
Timeout	You can set the OSD display duration time between 5 and 100 seconds.				+ / −
Language	English	English	Русский	Russian	
	Deutsch	German	簡体中文	Simplified Chinese	
	Français	French	日本語	Japanese	
	Polski	Polish	Nederlands	Dutch	

Extra



Adjustment Item	Problem / Option	Button to Press
Reset	Yes	Factory-preset data is restored.
	No	Return to Menu.
DDC / CI	On	DDC /CI is On.
	Off	DDC / CI is Off.
Input Select **Direct**	Auto	Select the signal input automatically.
	DVI	Select the Digital (DVI) input.
	HDMI	Select the Digital (HDMI) input.
	DisplayPort	Select the Digital (DisplayPort) input.

NOTE At selected the AUTO, it will automatically be selected when just one source is available. If there are more input sources available and you select one of them, the AUTO option is not available.
If multiple inputs are connected, the monitor may not recover the last one used after turning it off and on again.
It is only possible when you set a specific source.

Over Drive*2	Off / -2 / -1 / 0 / +1 / +2 It will improve the gray level response time of the LCD panel. A higher level results in a faster response time.	
Audio Input*1	HDMI	Select the HDMI input.
	DisplayPort	Select the DisplayPort input.
	LINE IN	Select the LINE IN input.
Opening Logo	On	Opening Logo is On.
	Off	Opening Logo is Off.
Information	Displays information regarding the current input signal coming from the graphic card in your computer. **NOTE** See your graphic card user guide for more information about changing the resolution and refresh.	

*1 Suitable for HDMI/DisplayPort input only.

*2 When Over Drive is activated, some level of image retention will be caused.

Direct

You can skip the Menu items and display an adjustment scale directly by using the following button operations.

- Input Select: Press the AUTO button when the Menu is not displayed, it shows following Menu. You can then select input source press the AUTO button and press the MENU button.

Direct

You can skip the Menu items and display an adjustment scale directly by using the following button operations.

● Volume: Press the + Button when the Menu is not displayed.

Adjustment Item	Problem / Option	Button to Press
Volume	Too soft Too loud	

● Blue Light Reducer * : Pressing and holding of the + Button for 1-2 seconds when the Menu is not displayed.
Off : Normal
Mode1 : Blue light is reduced.
Mode2 : Blue light is reduced more than Mode1.
Mode3 : Blue light is reduced more than Mode2.

* Blue Light Reducer cannot be enabled if i-Style Colour, Adv.Contrast or sRGB colour are enabled.

● Lock Mode:

<OSD>

Hold the MENU button and turn on the monitor when the monitor is power-off, it will lock/unlock the OSD Key Lock function.

<Power/OSD>

Pressing and holding the MENU button for 10 seconds when Menu is not displayed, will lock/unlock the Power/OSD Key Lock function.

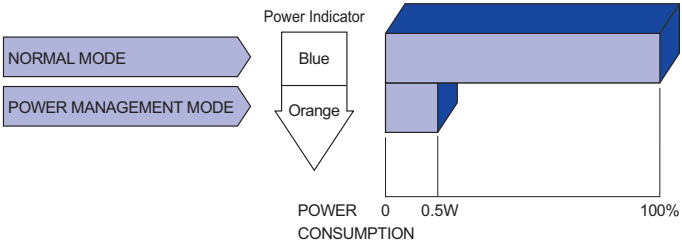
POWER MANAGEMENT FEATURE

The power management feature of this product complies with power saving requirement of ENERGY STAR® and VESA DPMS. When activated, it automatically reduces unnecessary power consumption of the monitor when your computer is not in use.

To use the feature, the monitor needs to be connected to a VESA DPMS compliant computer. There is a power management step the monitor takes as described below. The power management function, including any timer settings is configured by the operating system. Check your operating system manual for information on how this can be configured.

■ **Power Management Mode**

When the H-sync signal / V-sync signal / H and V sync signals from the computer are off, the monitor enters into Power Management Mode which reduces the power consumption to less than 0.5W. The screen becomes dark, and the power indicator turns to orange. From Power Management Mode, the image reappears in several seconds when either the keyboard or the mouse are touched again.



NOTE

- Even when using the power management mode, the monitor consumes electricity. Turn off the Power Switch whenever the monitor is not in use, during the night and weekends, to avoid unnecessary power consumption.
- It is possible that the video signal from the computer may be on while the H or V sync signal is missing. In this instance, the POWER MANAGEMENT feature may not work properly.

TROUBLE SHOOTING

If the monitor fails to operate correctly, please follow the steps below for a possible solution.

1. Perform the adjustments described in OPERATING THE MONITOR, depending on the problem you have. If the monitor does not get a picture, skip to 2.
2. Consult the following items if you cannot find an appropriate adjustment item in OPERATING THE MONITOR or if the problem persists.
3. If you are experiencing a problem which is not described below or you cannot correct the problem, discontinue using the monitor and contact your dealer or iiyama service center for further assistance.

Problem	Check
① The picture does not appear.	
(Power indicator does not light up.)	☐ The AC Adapter is firmly seated in the connector. ☐ The Power Cable is firmly seated in the socket of the AC Adapter. ☐ The Power Cable is firmly seated in the socket. ☐ The Power Switch is turned ON. ☐ The AC socket is live. Please check with another piece of equipment.
(Power indicator is blue.)	☐ If the blank screen saver is in active mode, touch the keyboard or the mouse. ☐ Increase the Contrast and/or Brightness. ☐ The computer is ON. ☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the monitor.
(Power indicator is orange.)	☐ If the monitor is in power management mode, touch the keyboard or the mouse. ☐ The computer is ON. ☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the monitor.
② The screen is not synchronized.	☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the monitor. ☐ The video output level of the computer is within the specification of the monitor.
③ The screen position is not in the center.	☐ The signal timing of the computer is within the specification of the monitor.
④ The screen is too bright or too dark.	☐ The video output level of the computer is within the specification of the monitor.
⑤ The screen is shaking.	☐ The power voltage is within the specification of the monitor. ☐ The signal timing of the computer is within the specification of the monitor.

Problem	Check
⑥ No sound.	☐ The audio equipment (computer etc.) is ON. ☐ The Audio Cable is properly connected. ☐ The Volume is turned up. ☐ The audio output level of the audio equipment is within the specification of the monitor.
⑦ The sound is too loud or too quiet.	☐ The audio output level of the audio equipment is within the specification of the monitor.
⑧ A strange noise is heard.	☐ The Audio Cable is properly connected.

RECYCLING INFORMATION

For better environment protection please don't dispose your monitor.
Please visit our web site: www.iiyama.com/recycle for monitor recycling.

APPENDIX

Design and specifications are subject to change without prior notice.

SPECIFICATIONS : ProLite XU2490HS

Size Category		24"
LCD Panel	Panel technology	IPS
	Size	Diagonal: 23.8" (60.96cm)
	Pixel pitch	0.2745mm H × 0.2745mm V
	Brightness	250cd/m^2 (Typical)
	Contrast ratio	1000 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left / Up / Down: 89 degrees each (Typical)
	Response time	5ms (Gray to Gray)
Display Colours		Approx.16.7M
Sync Frequency		Horizontal: 30.0-83.0kHz, Vertical: 55-76Hz
Maximum Resolution		1920 × 1080, 2.1 MegaPixels
Input Connector		DVI-D 24 pin, HDMI, DisplayPort
Plug & Play		VESA DDC2B™
Input Sync Signal		Separate sync: TTL, Positive or Negative
Input Video Signal		Digital: DVI (Digital Visual Interface Standard Rev.1.0) compliance Digital: HDMI, DisplayPort
Input Audio Connector		ø 3.5mm mini jack (Stereo)
Input Audio Signal		1.0Vrms maximum
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		527.00mm W × 296.64mm H / 20.7" W × 11.7" H
Power Source		100-240VAC, 50/60Hz, 1.5A
Power Consumption*		22W typical, Power management mode: 0.5W maximum Energy Efficiency Class: A
Dimensions / Net Weight		540.0 × 391.5 × 180.0mm / 21.3 × 15.4 × 7.1" (W×H×D) 3.8kg / 8.37lbs (Excluding the AC Adapter)
Tilt Angle		Upward: 20 degrees, Downward: 4 degrees
Environmental Considerations		Operating: Temperature 5 to 35°C / 41 to 95°F Humidity 10 to 80% (No condensation) Storage: Temperature -20 to 60°C / -4 to 140°F Humidity 5 to 85% (No condensation)
Approvals		TCO Certified, CE, TÜV-Bauart, VCCI-B, CU, ENERGY STAR®

NOTE * Audio equipment is not connected.

SPECIFICATIONS : ProLite XUB2490HS

Size Category		24"
LCD Panel	Panel technology	IPS
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Plug & Play		VESA DDC2B™
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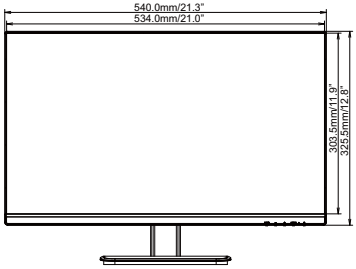
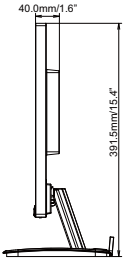
Input Audio Connector		ø 3.5mm mini jack (Stereo)
Input Audio Signal		1.0Vrms maximum
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		527.00mm W × 296.64mm H / 20.7" W × 11.7" H
Power Source		100-240VAC, 50/60Hz, 1.5A
Power Consumption*1		22W typical, Power management mode: 0.5W maximum Energy Efficiency Class: A
Dimensions / Net Weight		540.0 × 365.0 - 495.0 × 230.0mm / 21.3 × 14.4 - 19.5 × 9.0" (W×H*2×D) 5.4kg /11.9lbs (Excluding the AC Adapter)
Tilt Angle		Upward: 20 degrees, Downward: 4 degrees, left / right : 45 degrees
Environmental Considerations		Operating: Temperature 5 to 35°C / 41 to 95°F Humidity 10 to 80% (No condensation) Storage: Temperature -20 to 60°C / -4 to 140°F Humidity 5 to 85% (No condensation)
Approvals		TCO Certified, CE, TÜV-Bauart, VCCI-B, CU, ENERGY STAR®

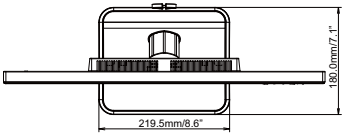
NOTE *1 Audio equipment is not connected.

*2 The height of the top of the monitor except the stand height.

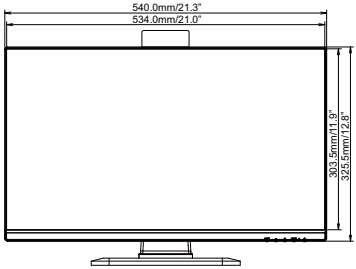
DIMENSIONS : ProLite XU2490HS

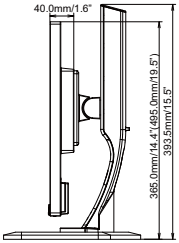


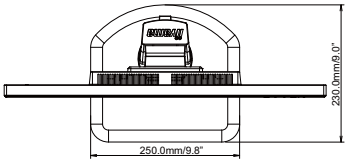




DIMENSIONS : ProLite XUB2490HS







( ) : Maximum adjustment range

COMPLIANT TIMING

Video Mode			Horizontal Frequency	Vertical Frequency	Dot Clock
VESA	VGA	640 × 480	31.469kHz	59.940Hz	25.175MHz
			37.500kHz	75.000Hz	31.500MHz
	SVGA	800 × 600	35.156kHz	56.250Hz	36.000MHz
			37.879kHz	60.317Hz	40.000MHz
			46.875kHz	75.000Hz	49.500MHz
	XGA	1024 × 768	48.363kHz	60.004Hz	65.000MHz
			56.476kHz	70.069Hz	75.000MHz
			60.023kHz	75.029Hz	78.750MHz
	SXGA	1280 × 1024	63.981kHz	60.020Hz	108.000MHz
			79.976kHz	75.025Hz	135.000MHz
	WXGA+	1440 × 900	55.935kHz	59.887Hz	106.500MHz
	WSXGA+	1680 × 1050	65.290kHz	60.000Hz	146.250MHz
	Full HD	1920 × 1080	66.590kHz	59.930Hz	138.500MHz